

Message Text

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ORIGIN EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NRC-05 NSAE-00 TRSE-00

EUR-12 ERDA-05 ISO-00 /030 R

DRAFTED BY EB/ITP/EWT:AREICHENBACH

APPROVED BY EB/ITP/EWT:MTLORIMER

COMMERCE-MR. R. MEYER

EUR/NE-MR. C. SCHALLER

DOD/NA-MR. E. MURPHY

EUR/WE-MR. E. BEIGEL

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R 130327Z FEB 76

FM SECSTATE WASHDC

TO AMEMBASSY COPENHAGEN

AMEMBASSY PARIS

INFO USMISSION OECD PARIS

C O N F I D E N T I A L STATE 035869

EXCON

C O R R E C T E D COPY (PARA 1 LINE 2 OMITTED)

E.O. 11652: GDS

TAGS: ESTC, DA, FR, EEWT

SUBJECT: POSSIBLE BLOC PURCHASES OF ASW AND OTHER ACOUSTIC
INSTRUMENTS WITH MILITARY APPLICATIONS

1. THERE IS CONCERN IN DEFENSE THAT Y COUNTRIES MAY BE
ACQUIRING ELECTRONIC INSTRUMENTS FOR USE ANTI-SUBMARINE
WARFARE (ASW) APPLICATIONS AND RESEARCH IN CRITICAL SUB-
MARINE QUIETING PROGRAMS.

2. SINCE THE USG DOES NOT HAVE EVIDENCE OF DIVERSION OF
THE ITEMS IN QUESTION, WE CONCLUDE THAT IF EXPORT AUTHORI-
ZATION HAS EVER BEEN GIVEN IT PROBABLY WAS INADVERTENT.
NEVERTHELESS THE CONCERN OF DOD IS SUCH THAT ALL POSSIBLE
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STEPS MUST BE TAKEN TO AVOID EIVERSION OR SALE TO Y COUN-

TRY DESTINATIONS. THE FOLLOWING SHOULD THEREFORE BE GIVEN TO APPROPRIATE FRENCH AND DANISH AUTHORITIES:

A. USG IS INCREASINGLY CONCERNED ABOUT POSSIBLE SOVIET ACQUISITION OF ELECTRONIC INSTRUMENTS FOR RAPID ANALYSIS OF LOWER FREQUENCY SIGNALS FOR APPLICATION IN ASW, INCLUDING RESEARCH IN SHIP-QUIETING TECHNIQUES. SUCH DEVICES ARE

OFTEN CALLED REAL TIME ANALYZERS, AND THOSE OF CONCERN FALL INTO TWO MAIN CATEGORIES: DEVICES USING THE FAST FOURIER TRANSFORM AND THOSE USING RECIRCULATING DELAY LINES FOR TIME COMPRESSION OF THE INPUT SIGNALS. WE HAVE INDICATIONS THAT THE SOVIETS ARE ATTEMPTING TO PURCHASE THESE ITEMS, BOTH OF WHICH ARE COVERED UNDER IL-L529 (B)(4).

B. U.S. AUTHORITIES HAVE REVIEWED THE TECHNICAL LITERATURE AND HAVE IDENTIFIED A NUMBER OF U.S. AND FOREIGN MANUFACTURERS OF SUCH EQUIPMENT. U.S. MANUFACTURERS INCLUDE HONEYWELL-SAICOR, SPECTRAL DYNAMICS, HEWLETT PACKARD, NICOLET, AND TEXAS INSTRUMENTS. IN FRANCE, THE MANUFACTURERS ARE SCHLUMBERGER (MODEL 1510) AND INTERTECHNIC (HISTOMAT) WHILE IN DENMARK, BRUEL AND KJAER BUILD TWO MODELS USING THESE DEVICES, THE 3348 AND 7502. AS FAR AS WE KNOW, THESE ARE THE ONLY MANUFACTURERS.

C. BECAUSE OF OUR CONCERN, WE ARE IN THE PROCESS OF CHECKING WITH THE VARIOUS U.S. MANUFACTURERS TO ENSURE THAT THEY ARE AWARE OF THE STRATEGIC APPLICATION AND THE EMBARGOED STATUS OF THE SPECIFIED ITEMS. WE INVITE BOTH FRANCE AND DENMARK TO CHECK WITH THEIR RESPECTIVE MANUFACTURERS TO ENSURE THAT THE EMBARGOED ITEMS ARE NOT BEING INADVERTENTLY SHIPPED TO THE BLOC COUNTRIES.

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4. THE DEPARTMENT OF COMMERCE WILL CIRCULARIZE U.S. PRODUCERS OF THE INSTRUMENTATION IN QUESTION WITH THE SAME TYPE OF STATEMENT AS SET FORTH ABOVE.

5. PLEASE REPORT APPROACHES PROMPTLY. INGERSOLL

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: ELECTRONIC EQUIPMENT, MILITARY EQUIPMENT, COMMUNIST COUNTRIES TRADE, STRATEGIC TRADE CONTROLS, ANTISUBMARINE WARFARE
Control Number: n/a
Copy: SINGLE
Draft Date: 13 FEB 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: saccheem
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976STATE035869
Document Source: CORE
Document Unique ID: 00
Drafter: AREICHENBACH
Enclosure: n/a
Executive Order: GS
Errors: N/A
Film Number: D760059-0348
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t19760249/aaaabqxv.tel
Line Count: 112
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN EB
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: saccheem
Review Comment: n/a
Review Content Flags:
Review Date: 15 APR 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <15 APR 2004 by greeneet>; APPROVED <05 AUG 2004 by saccheem>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: POSSIBLE BLOC PURCHASES OF ASW AND OTHER ACOUSTIC INSTRUMENTS WITH MILITARY APPLICATIONS
TAGS: ESTC, EEWT, DA, FR
To: COPENHAGEN PARIS
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006